Abstract

Method and Computer System for Encoding a digital message, for transmission of the message from a first computer unit to a second computer unit, and for decoding the message

5   A method is presented wherein, for a network protocol, for example for the SNMPv1, a message is encoded (101) in the first computer unit (C1) upon employment of the encoding format of the network protocol, being encoded to form an encoded message (CN). The encoded message (CN) is subjected (104) to a cryptographic process. The cryptographically processed message (KBN) thereby

10   formed is again encoded (105) upon employment of the encoding format of the network protocol. The cryptographically processed message (CKN) encoded in this way is transmitted from the first computer unit (C1) to the second computer unit (C2). In the second computer unit (C2), the received message is decoded (109) according to the encoding format of the network protocol, and an inverse cryptographic process

15   (110) is applied to the decoded message (DKN). The inversely cryptographically processed message (IKN) is again decoded according to the encoding format of the network protocol.

Figure 1

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